

ABSTRACT

Even when ejection characteristics of ink droplets are dispersed between unit heads and when arrangement accuracies of unit heads are dispersed, stripe unevenness is alleviated by correction corresponding to each unit head. In a liquid ejection apparatus having a line head (10) arranged by juxtaposing a plurality of (unit) heads (11) of liquid ejection parts so as to connect the head (11) to the adjacent head (11), the liquid ejection apparatus includes ejection direction changing means for enabling the ejection direction of liquid droplets ejected from a nozzle of each liquid ejection part to change in a plurality of directions in the arranging direction of liquid ejection parts and reference direction setting means for individually setting one reference principal direction for each head (11) among a plurality of ejection directions of liquid droplets by the ejection direction changing means. In the (N-1)th and the (N+1)th head 11, the third ejection direction from the left is established as the principal direction while in the Nth head 11, the second ejection direction from the right is established as the principal direction.